# Alberta Official Statistics

## Successful Wells Drilled, Alberta

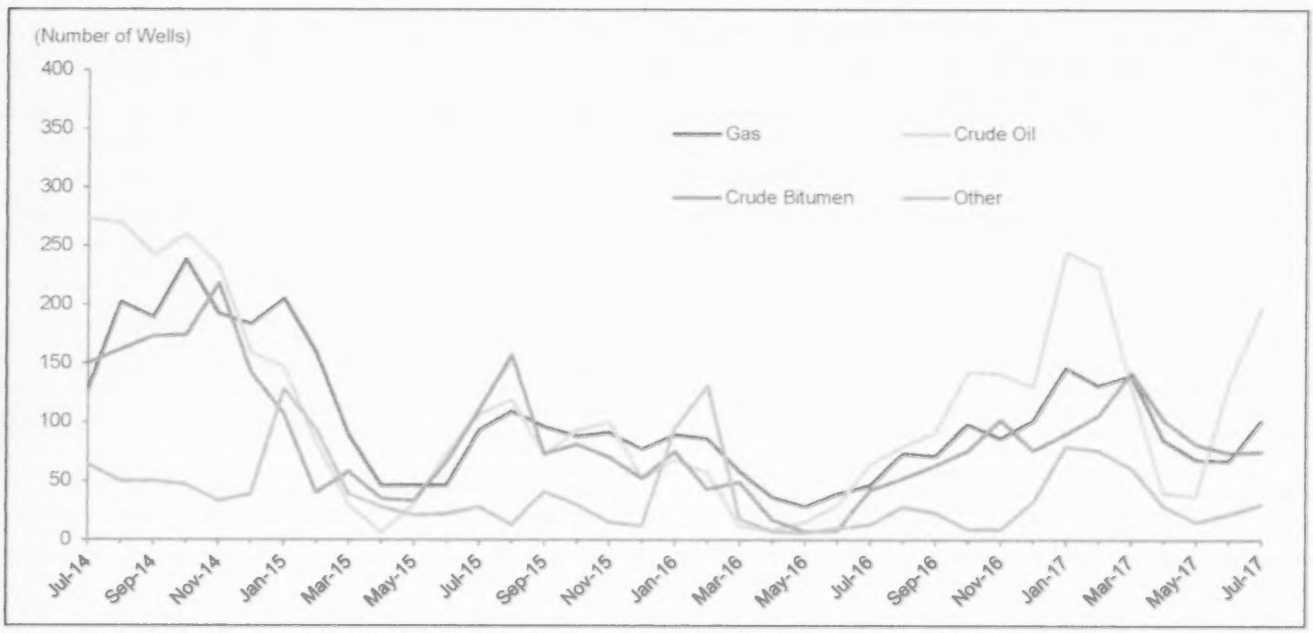
- A successfully-drilled well is a well drilled that is cased and not abandoned at the time of drilling.
- The number of gas wells drilled increased 50.7% (34 wells) in July 2017 compared to June 2017. Crude oil wells drilled increased 48.1% (64 wells) over the same period.
- The number of crude bitumen wells drilled increased 1.4% (1 well) in July 2017 compared to June 2017. Other wells drilled increased 36.4% (8 wells) over the same period.

**Notes:**

Gas wells include natural gas and coalbed methane wells.
Other wells include water, waste, brine, and miscellaneous wells.

Successful Wells Drilled

Alberta




**Sources:** Alberta Energy Regulator (AER) - Statistical Series 59: Alberta Drilling Activity Monthly Statistics

Metadata is an important component of the Alberta Official Statistics.

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| Title | Successful Wells Drilled, Alberta |
| Alternative Title | |
| Creator | Energy |
| Category | Energy |
| Abstract | This Alberta Official Statistic presents a summary of successful wells drilled in Alberta based on Alberta Energy Regulator's monthly drilling statistics. |
| Full Description | This Alberta Official Statistic presents a summary of successful wells drilled in Alberta.<br>Monthly drilling activity statistics are extracted from several sources. The drilling statistics are from submitted well records (WR) reports. Operated well numbers come from the production reports and capable wells numbers from the well status reports submitted by operators. |
| Time Coverage YYYY-MM-DD – YYYY-MM-DD | 2005-01 to 2017-07 |
| Spatial Coverage | Alberta |
| Data Source | Alberta Energy Regulator (AER) - Statistical Series 59: Alberta Drilling Activity Monthly Statistics |
| Risk Considerations | |
| Usage Considerations | Monthly drilling activity statistics are extracted from several sources. The drilling statistics are from submitted WR reports. Operated well numbers come from the production reports and capable wells numbers from the well status reports submitted by operators.<br>The energy commodity categories and Lahee classification headings are based on the information submitted by the well licensee at the time of licensing. This information reflects well pre-production information and may be different from on production well information. The drilled well counts and lengths are subject to amendments submitted to the AER by well operators and may result in variances in the data for a given month in a subsequent report month.<br>**Methodology Change:** There is risk in comparing anything after January 2014 to anything prior as the data are not comparable. The reason is because the previous datasets; prior to 2014, only counted wells that had a production volume. The methodology for obtaining the data has changed starting January 2014. The new dataset now includes successful drilled wells that have a production volume and drilled wells that do not have a production volume.<br>Note: The successful wells (Gas, Crude Oil, Crude Bitumen and Other) are calculated by adding up all of the successful wells from the following two categories from AER's ST59 report:<br>▪ Development<br>▪ Exploratory<br>For Gas wells, the following are added together:<br>▪ Gas<br>▪ Coalbed Methane<br>For Crude Oil wells, only crude oil wells are included.<br>**Coalbed Methane (CBM)** is the naturally occurring dry, predominantly methane gas produced during the transformation of organic matter into coal. |

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| | **Crude Bitumen** is a naturally occurring viscous mixture mainly of hydrocarbons heavier than pentane that may contain sulphur compounds and that in its naturally occurring viscous state will not flow to a well.<br><br>**Development Wells** include the following Lahee classifications: Development, Development Service, Re-Entry, and Other wells.<br><br>**Exploratory Wells** include the following Lahee classifications: Deep Pool Testing, Experimental, New Pool Wildcat, New Field Wildcat, Outpost, and Test Hole wells.<br><br>**Horizontal Well** drilling is identified by the well operator when fulfilling data filing requirements under AER Directive 59. One of the filing requirements is to report a horizontal drill event for the well when the wellbore path achieves or exceeds an angle of 80 degrees from its vertical trajectory. Wells with one or more reported horizontal drill events are considered to be horizontal for this report. Wells licensed as horizontal are categorized as vertical/directional until well surveys have been received by the AER.<br><br>**Natural gas** is raw gas, marketable gas, or any constituent of raw gas, condensate, crude bitumen, or crude oil that is recovered in processing and is gaseous at the conditions under which its volume is measured or estimated.<br><br>**Other** wells includes water, waste, brine, and miscellaneous wells.<br><br>Note: Effective June 17, 2013, the Energy Resources Conservation Board (ERCB) has been succeeded by the Alberta Energy Regulator (AER). |
| Supporting Documents | *Alberta Drilling Activity Monthly Statistics* |
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